

Peter Thor

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,240
citations

394286

19
h-index

580701

25
g-index

26
all docs

26
docs citations

26
times ranked

1569
citing authors

#	ARTICLE	IF	CITATIONS
1	Transgenerational effects alleviate severe fecundity loss during ocean acidification in a ubiquitous planktonic copepod. <i>Global Change Biology</i> , 2015, 21, 2261-2271.	4.2	180
2	Copepods induce paralytic shellfish toxin production in marine dinoflagellates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1673-1680.	1.2	167
3	Crazer-induced chain length plasticity reduces grazing risk in a marine diatom. <i>Limnology and Oceanography</i> , 2012, 57, 318-324.	1.6	88
4	Effects of selected PAHs on reproduction and survival of the calanoid copepod <i>Acartia tonsa</i> . <i>Ecotoxicology</i> , 2007, 16, 465-474.	1.1	71
5	Selection on oxidative phosphorylation and ribosomal structure as a multigenerational response to ocean acidification in the common copepod <i>Pseudocalanus acuspes</i> . <i>Evolutionary Applications</i> , 2016, 9, 1112-1123.	1.5	70
6	Influence of Ocean Acidification on a Natural Winter-to-Summer Plankton Succession: First Insights from a Long-Term Mesocosm Study Draw Attention to Periods of Low Nutrient Concentrations. <i>PLoS ONE</i> , 2016, 11, e0159068.	1.1	64
7	Instantaneous salinity reductions affect the survival and feeding rates of the co-occurring copepods <i>Acartia tonsa</i> Dana and <i>A. clausi</i> Giesbrecht differently. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 362, 18-25.	0.7	55
8	Will life find a way? Evolution of marine species under global change. <i>Evolutionary Applications</i> , 2016, 9, 1035-1042.	1.5	55
9	Early life stages of the Arctic copepod <i>Calanus glacialis</i> are unaffected by increased seawater pCO ₂ . <i>ICES Journal of Marine Science</i> , 2017, 74, 996-1004.	1.2	55
10	Regulation of gene expression is associated with tolerance of the Arctic copepod <i>Calanus glacialis</i> to CO_2 -acidified sea water. <i>Ecology and Evolution</i> , 2017, 7, 7145-7160.	0.8	53
11	Relationship between specific dynamic action and protein deposition in calanoid copepods. <i>Journal of Experimental Marine Biology and Ecology</i> , 2000, 245, 171-182.	0.7	43
12	Contrasting physiological responses to future ocean acidification among Arctic copepod populations. <i>Global Change Biology</i> , 2018, 24, e365-e377.	4.2	42
13	Ocean acidification elicits different energetic responses in an Arctic and a boreal population of the copepod <i>Pseudocalanus acuspes</i> . <i>Marine Biology</i> , 2015, 162, 799-807.	0.7	38
14	Elevated respiration rates of the neritic copepod <i>Acartia tonsa</i> during recovery from starvation. <i>Journal of Experimental Marine Biology and Ecology</i> , 2003, 283, 133-143.	0.7	34
15	Using natural analogues to investigate the effects of climate change and ocean acidification on Northern ecosystems. <i>ICES Journal of Marine Science</i> , 2018, 75, 2299-2311.	1.2	34
16	In situ growth of the ascidian <i>Ciona intestinalis</i> (L.) and the blue mussel <i>Mytilus edulis</i> in an eelgrass meadow. <i>Journal of Experimental Marine Biology and Ecology</i> , 1997, 218, 1-11.	0.7	32
17	Functional response of carbon absorption efficiency in the pelagic calanoid copepod <i>Acartia tonsa</i> . <i>Limnology and Oceanography</i> , 2010, 55, 1779-1789.	1.6	29
18	Specific dynamic action and carbon incorporation in <i>Calanus finmarchicus</i> copepodites and females. <i>Journal of Experimental Marine Biology and Ecology</i> , 2002, 272, 159-169.	0.7	24

#	ARTICLE	IF	CITATIONS
19	Ocean acidification effects on mesozooplankton community development: Results from a long-term mesocosm experiment. PLoS ONE, 2017, 12, e0175851.	1.1	22
20	Severe Toxic Effects on Pelagic Copepods from Maritime Exhaust Gas Scrubber Effluents. Environmental Science & Technology, 2021, 55, 5826-5835.	4.6	21
21	No maternal or direct effects of ocean acidification on egg hatching in the Arctic copepod <i>Calanus glacialis</i> . PLoS ONE, 2018, 13, e0192496.	1.1	19
22	Kongsfjorden as Harbinger of the Future Arctic: Knowns, Unknowns and Research Priorities. Advances in Polar Ecology, 2019, , 537-562.	1.3	15
23	Seawater pH Predicted for the Year 2100 Affects the Metabolic Response to Feeding in Copepodites of the Arctic Copepod <i>Calanus glacialis</i> . PLoS ONE, 2016, 11, e0168735.	1.1	11
24	Feeding, growth and metabolism of the marine heterotrophic dinoflagellate <i>Gyrodinium dominans</i> . Aquatic Microbial Ecology, 2011, 65, 65-73.	0.9	9
25	Influence of prey species and concentration on egg production efficiency and hatching success in <i>Acartia tonsa</i> Dana (Copepoda, Calanoida). Crustaceana, 2015, 88, 675-687.	0.1	5
26	Ocean Acidification. , 2018, , 375-394.		4